Work Orde April-22-13 1:02		00348			*10				Page 1			
Item ID: D4018-5 Revision ID: Item Name: Rib Start Date: 5/09/13 Start Qty: 27.0 Required Date: 5/09/13 Req'd Qty: 27.0				*27*(*27*	Accept 54x	•	*N9000401			Setup Star Stop		S1* S2*
Reference:	•		*	<i>A1</i> ,								
Approvals: Proces		Plan: MLJ	I	Date: 13-04-23	Tooling:	D		F	Run Star	17	R1*	
	QC:		I	Date:	SPC (Y/N):	D	ate:			Stop	° *N	R2*
Sequence ID/ Work Center ID	, ,—	Operation Description			Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	R	evision Nbr	1							7		
D4018	C							•				
*1 \\ \tage \text{Fab} Large Fab			it tube as pe	er dwg D4018 nove identification mark	0.00 0.00 sings			,	(\$4)	(C)	13-6.	4
*110 * 1 1 \n^* QC Quality Control		QC6- Inspect dim		drawing	0.00	13.6.4						
120 *120* Packaging Packaging		Identify as per dw		Location: WA 4	0.00	PC13.6	·. 4			,		

NCR: Y	es / No				WORK ORDER NON-	CONF	ORN	MANCE / UP	DATE						
	<u> </u>							•		QA Closed:	Date	:			
Work Order:					DISPOSITION		AGAINST DEPARTMENT/PROCESS								
Part No.					Rework Scrap Use-as-is		Skid-tube Crosstube Machining Small Fab Thermoforming Finishing			→	Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other			
NCR No.				Work Order Update] '		Large Fab	Composite]						
Root				Descri	ption of work order update	Init	ial	Act	tion	Sign &					
Cause	Date	Step	Qty		or Non-conformance	Chief	Eng	Desci	ription	Date	Verification	QC Inspector			
Ooc/Data															
quip/Tooling															
Operator												,			
/laterial															
etup															
Other								•							
rocess															
upplier		ł	1												
raining										1					
Inapproved		<u> </u>]	<u> </u>		<u> </u>					<u></u>	1			
						AULT C	CATE	GORY		<u> </u>					
Landin	g Gear			_	General					7	_	-			
1	Bending				Bend	\vdash	ain		<u> </u>	Ovalized	<u> </u>	Pressure/Forced			
-	Centre N	ot Conce	ntric to	o/s	BOM/Route	\blacksquare	ırdwa			Over/Under	_	Temperature/Cure			
	Cracks				Broken/Damaged	\vdash	-	on incomplete	<u> </u>	Part Incorred	_	Weld			
	Crushed/	Crimped			Burrs	-		ions Incomplete/	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled			
	Cuffs				Contamination	ЩМ	ainte	nance		Part Moved					
	Heat Trea	at			Countersink	\mathbf{H}	islabe			Positioned V		_			
	Inspectio	n Strip in	Tube	<u></u>	Cut Too Short		isread	l		Power Loss/	Surge	Other			
į	Ripples ir	n Bend		L	Drill Holes	-	fset								
Ĺ	Torque V	Vaves in E	Extrusio	n L	Drawing	L Ou	at of C	Calibration							
	Turning S	Sequence			Finish		ut of S	equence							
	Wave/Twist in Tube			Folio	Ou	utside	Dimensions								

DQA:

Date:

Work Order ID 100348 *100348* Page 2 April-22-13 1:02:14 PM Item ID: D4018-5 Accept *N900040100* Setup Start **Revision ID:** Rib Item Name: **Start Qty: 27.00 Start Date:** 5/09/13 **Cust Item ID:** Req'd Qty: 27.00 Required Date: 5/09/13 **Customer:** Reference: Run Tooling: Process Plan: Date: Approvals: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Reject **Operation** Set Up/ Tool ID Tool # Plan Accept Reject Insp. **Work Center ID** Description Qty Qty **Run Hours** Code Number Stamp QC21- Final Inspection - Work Order Release 130 0.00 MLJ 13-06-06 *130* QC 0.00 Memo Quality Control

											DQA:	Dat	e: _	
NCR:	res / No				WORK ORDER NON-	COI	NFORM	MANCE / UPI	DATE		QA Closed:	Dat	۵٠ ـ	
					DISPOSITION	:			AGAINST	DE	PARTMENT			:
Work Orde	er:				DISPOSITION			AGAINST	DE		- FROCE33			
Part No.					Rework Scrap Use-as-is	Skid-tube Crosstube Machining Small Fab Thermoforming Finishing				Water Jet Prod. Eng. Coor. Rec/Store/Packaging			Engineering Quality Other	
NCR N	lo				Work Order Update			Large Fab Composite]	Supplier		
Root				Descri	iption of work order update		Initial	Act	ion		Sign &			
Cause	Date	Step	Qty		or Non-conformance	Ct	nief Eng	Descr	ription		Date	Verification		QC Inspector
Doc/Data														
Equip/Tooling						l	•							
Operator													l	
Material			1											
Setup			1			1								
Other					•				•					•
Process						Ì								
Supplier		-		;					•					
Training											1		1	
Unapproved			<u> </u>											
· ···	<u>.</u>					AUI	T CATE	GORY						
Landi	ng Gear			_	General	_	7			_	7	·	_	
	Bendin				Bend		Grain			<u> </u>	Ovalized	. }	_	Pressure/Forced
		Not Conce	ntric to	o/s	BOM/Route		Hardwa			L	Over/Under	F	_	Temperature/Cure
	Cracks				Broken/Damaged		Inspection Incomplete				Part Incorrect			Weld
	⊢	d/Crimped			Burrs	_	4	· · · · · · · · · · · · · · · · · · ·				ssing	'	Wrong Stock Pulled
	Cuffs			Ī	Contamination Maintenance					l	Part Moved			

Mislabeled Misread

Out of Calibration
Out of Sequence

Outside Dimensions

Offset

Positioned Wrong

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion

Countersink

Cut Too Short Drill Holes

Drawing

Finish Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

April-22-13 1:02:14 PM

Work Order ID:

100348

Parent Item:

D4018-5

Parent Item Name:

Rib

Start Date: 5/09/13

Required Date: 5/09/13

Start Qty: 27.00

Required Qty: 27.00

Comments:

IPP RevA: new issue DD 09.11.26 verified by:EC

IPP Rev:B as per dwg revA 10.03.15

verified by:EC IPP Rev:C as per dwg RevB DD 10.04.16 verified by:EC Rev:D as per dwg revC DD 10.08.18 verified by:EC

	itev.b as per awg	CVC DD 10.00.1	- VOITILE	u by.bc									
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.500W.049		Purchased	No			100	f	1,065.9843	0.5558	15.796421	1	1	3-6-4

Square Tubing

Location Loc Oty WA006 118460 122938 224.3 198.684316 123565 125062 643

•								DQA:	Date:		_			
NCR: Yes	/ No			WORK ORDER NON-	CONFO	PDATE	QA Closed:	Date:						
Work Order:				DISPOSITION		AGAINST DEPARTMENT/PROCESS								
Part No.				Rework Scrap Use-as-is Work Order Update	The	Skid-tube Machining rmoforming Large Fab	Crosstube Small Fab Finishing Composite	ł	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Er		Action scription	Sign & Date	Verification	QC Inspector	r			
Doc/Data Equip/Tooling Operator Material														

FAULT CATEGORY Landing Gear General Bend Grain Ovalized Pressure/Forced Bending Centre Not Concentric to O/S BOM/Route Hardware Over/Under tolerance Temperature/Cure Broken/Damaged Inspection Incomplete Part Incorrect Weld Cracks Wrong Stock Pulled Part Lost/Missing Crushed/Crimped Burrs Instructions Incomplete/Unclear Part Moved Cuffs Maintenance Contamination Positioned Wrong Mislabeled Countersink Heat Treat Power Loss/Surge Inspection Strip in Tube Misread Other Cut Too Short Drill Holes Offset Ripples in Bend Torque Waves in Extrusion Drawing Out of Calibration Finish Out of Sequence Turning Sequence Folio Outside Dimensions Wave/Twist in Tube

Setup Other Process Supplier Training Unapproved







